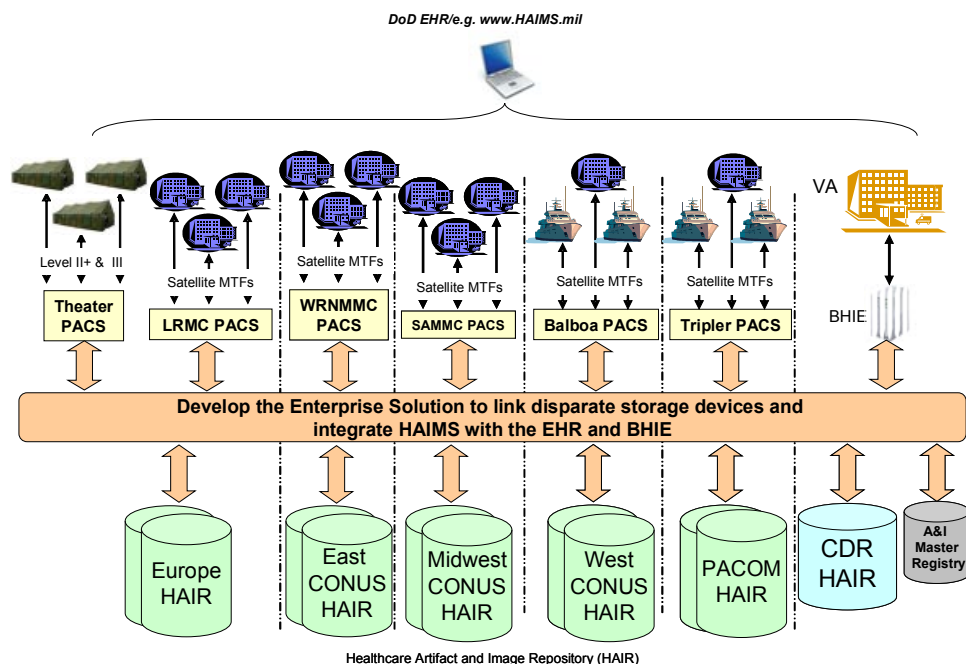# HEALTHCARE ARTIFACT AND IMAGE MANAGEMENT SOLUTION (HAIMS)

Background

The Healthcare Artifact and Image Management Solution (HAIMS) is a Military Health System (MHS) strategic project that will enhance medical informatics by orders of magnitude through seamless integration of medical digital images into the Electronic Healthcare Record (EHR).

The objective of HAIMS is to give healthcare providers global awareness and access to essential healthcare artifacts and images (A&I) throughout the continuum of care from Theater, to sustaining base, to the Department of Veterans Affairs. HAIMS will provide a single enterprisewide image sharing capability for all types of A&I, including radiographs, photographs, waveforms, audio files, video, and scanned documents.

The current EHR contains discreet data such as patient demographics, medical history, examination and progress reports of health and illnesses, medicine and allergy lists, immunization status, laboratory test results and evidence-based recommendations for specific medical conditions. HAIMS associates patient demographic information in the EHR to physical media such as; radiographic images (e.g., X-rays, CTs, MRIs, and Sonograms), clinical photographs (endoscopy, laparoscopy, retinal scans, anatomic pathology), cardiographic EKGs and Echocardiographs. HAIMS is a service that is global in scope to support healthcare across the footprint of the MHS, including active duty and retired U.S. military personnel and their dependents.

Healthcare Artifact and Image Repository (HAIR)

HAIMS consolidates registry information for MHS A&I repositories worldwide and provides federated access to MHS clinicians for search and retrieval of this data. The HAIMS project has three phases which correlate to normal fiscal year executions timelines. Phase I is focused on developing the software solution and hardware requirements for implementing a globally distributed enterprise content management system. Phase I will conclude with limited user testing at designated sites which will allow healthcare providers to scan, import, edit, view, multiple file types. Phase II will focus on development activities to fully integrate HAIMS into the clinical workflow.